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31 JAN 2005

From the INTERNATIONAL BUREAU

PCT

NOTICE INFORMING THE APPLICANT OF THE
COMMUNICATION OF THE INTERNATIONAL
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

To:

SAEGUSA, Eiji
Kitahama TNK Building
1-7-1, Doshomachi, Chuo-ku
Osaka-shi, Osaka 541-0045
JAPON

IMPORTANT NOTICE

Date of mailing (day/month/year)

12 February 2004 (12.02.2004)

Applicant's or agent's file reference

P03-16

International application No.

PCT/JP2003/009782

International filing date (day/month/year)

01 August 2003 (01.08.2003)

Priority date (day/month/year)

01 August 2002 (01.08.2002)

Applicant

NAKAMOTO, Masami et al

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this notice:

EP, JP, KR, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

None

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this notice is a copy of the international application as published by the International Bureau on 12 February 2004 (12.02.2004) under No. WO 2004/012884

4. **TIME LIMITS for filing a demand for international preliminary examination and for entry into the national phase**

The applicable time limit for entering the national phase will, **subject to what is said in the following paragraph**, be **30 MONTHS** from the priority date, not only in respect of any elected Office if a demand for international preliminary examination is filed before the expiration of **19 months** from the priority date, but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see *PCT Gazette* No. 44/2001 of 1 November 2001, pages 19926, 19932 and 19934, as well as the *PCT Newsletter*, October and November 2001 and February 2002 issues.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (20, 21, 30 or 31 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

For filing a demand for international preliminary examination, see the *PCT Applicant's Guide*, Volume I/A, Chapter IX. Only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

It is the applicant's sole responsibility to monitor all these time limits.

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

Gijsbertus Beijer - Carlos Roy

Facsimile No.(41-22) 740.14.35

Telephone No.(41-22) 338.91.11

PATENT COOPERATION TREATY

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From the INTERNATIONAL BUREAU

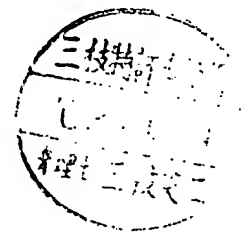
PCT

NOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

To:

SAEGUSA, Eiji
Kitahama TNK Building
1-7-1, Doshomachi, Chuo-ku
Osaka-shi, Osaka 541-0045
Japan



Date of mailing (day/month/year) 03 October 2003 (03.10.03)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference P03-16	
International application No. PCT/JP03/09782	International filing date (day/month/year) 01 August 2003 (01.08.03)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 01 August 2002 (01.08.02)
Applicant NAKAMOTO, Masami et al	

- The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
- An asterisk(*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
01 Augu 2002 (01.08.02)	2002-224440	JP	19 Sept 2003 (19.09.03)
13 Febr 2003 (13.02.03)	2003-34874	JP	19 Sept 2003 (19.09.03)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Farid ABBOU
Facsimile No. (41-22) 338.70.10	Telephone No. (41-22) 338 8169

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/09782

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ B22F1/00, 1/02, 9/20, 9/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ B22F1/00, 1/02, 9/20, 9/30

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2003
Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP 3-267301 A (NOK Kabushiki Kaisha), 28 November, 1991 (28.11.91), Claims; page 1, lower right column, line 18 to page 2, upper left column, line 2; page 2, lower left column, line 17 to lower right column, line 14 (Family: none)	1-5 6-12
X Y A	JP 2001-131603 A (Ebara Corp.), 15 May, 2001 (15.05.01), Claims; Par. Nos. [0008], [0017], [0022] (Family: none)	1-5 6-8, 12 9-11

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
30 October, 2003 (30.10.03)Date of mailing of the international search report
18 November, 2003 (18.11.03)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/09782

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 51-140860 A (Sagami Chemical Research Center), 04 December, 1976 (04.12.76), Claims; page 2, lower left column, lines 10 to 15; page 3, upper right column, lines 3 to 11 (Family: none)	6-8
Y	JP 51-122655 A (Sagami Chemical Research Center), 26 October, 1976 (26.10.76), Claims; page 2, lower right column, lines 12 to 15; page 3, upper right column, line 18 to lower left column, line 7; page 3, lower left column, lines 13 to 15 (Family: none)	12

PCT REQUEST

P03-16

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.01.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	P03-16
I	Title of invention	METAL NANOPARTICLES AND METHOD FOR MANUFACTURING SAME
II	Applicant	
II-1	This person is:	applicant and inventor
II-2	Applicant for	all designated States
II-4	Name (LAST, First)	NAKAMOTO, Masami
II-5	Address:	5-26, Nigawatakadai 2-chome, Takarazuka-shi, Hyogo 665-0062 Japan
II-6	State of nationality	JP
II-7	State of residence	JP
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant only
III-1-2	Applicant for	all designated States except US
III-1-4	Name	DAIKEN CHEMICAL CO., LTD.
III-1-5	Address:	7-19, Hanaten-nishi 2-chome, Joto-ku, Osaka-shi, Osaka 536-0011 Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	YAMAMOTO, Mari
III-2-5	Address:	6-55-703, Tsurumi 3-chome, Tsurumi-ku, Osaka-shi, Osaka 538-0053 Japan
III-2-6	State of nationality	JP
III-2-7	State of residence	JP
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	HARADA, Akio
III-3-5	Address:	c/o DAIKEN CHEMICAL CO., LTD., 7-19, Hanaten-nishi 2-chome, Joto-ku, Osaka-shi, Osaka 536-0011 Japan
III-3-6	State of nationality	JP
III-3-7	State of residence	JP
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	SAEGUSA, Eiji
IV-1-2	Address:	Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan
IV-1-3	Telephone No.	06-6203-0941
IV-1-4	Facsimile No.	06-6222-1068
IV-1-5	e-mail	saegusa@po.sphere.ne.jp
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	KAKEHI, Hiromichi; OHARA, Takeshi; SAITO, Kenji; FUJII, Atsushi; SEKI, Hitoshi; NAKANO, Mutsuko
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT

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V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	JP KR US	
V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.		
V-6	Exclusion(s) from precautionary designations	NONE	
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	01 August 2002 (01.08.2002)	
VI-1-2	Number	2002-224440	
VI-1-3	Country	JP	
VI-2	Priority claim of earlier national application		
VI-2-1	Filing date	13 February 2003 (13.02.2003)	
VI-2-2	Number	2003-34874	
VI-2-3	Country	JP	
VI-3	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2	
VII-1	International Searching Authority Chosen	Japan Patent Office (JPO) (ISA/JP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	22	-
IX-3	Claims	1	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	8	-
IX-7	TOTAL	37	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	SAEGUSA, Eiji	Seal
X-2	Signature of applicant, agent or common representative		
X-2-1	Name (LAST, First)	KAKEHI, Hiromichi	Seal
X-3	Signature of applicant, agent or common representative		
X-3-1	Name (LAST, First)	OHARA, Takeshi	Seal
X-4	Signature of applicant, agent or common representative		
X-4-1	Name (LAST, First)	SAITO, Kenji	Seal
X-5	Signature of applicant, agent or common representative		
X-5-1	Name (LAST, First)	FUJII, Atsushi	Seal
X-6	Signature of applicant, agent or common representative		
X-6-1	Name (LAST, First)	SEKI, Hitoshi	Seal
X-7	Signature of applicant, agent or common representative		
X-7-1	Name (LAST, First)	NAKANO, Mutsuko	Seal

PCT REQUEST

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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